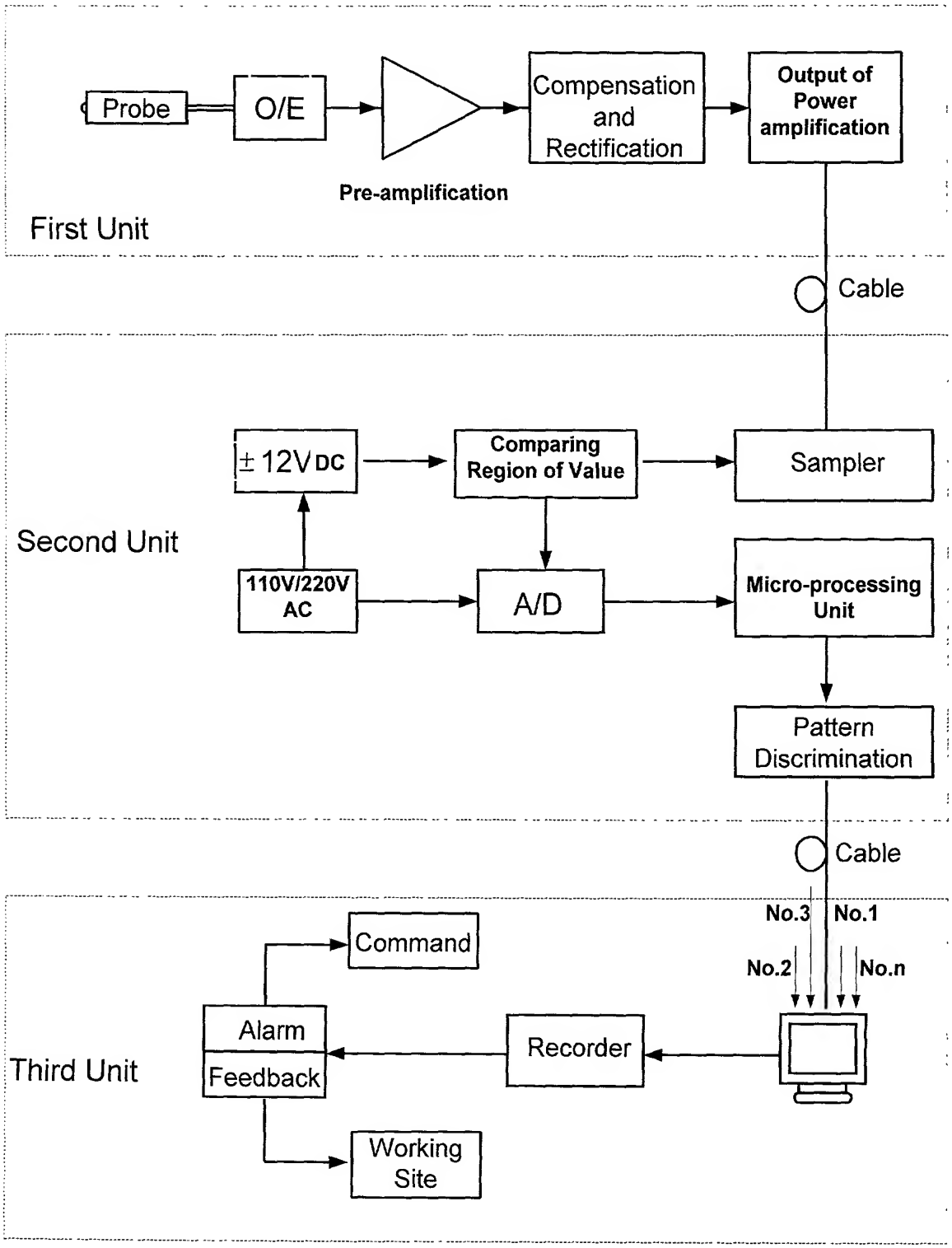

Probe
O/E
Compensation and Rectification
Output of Power amplification
Pre-amplification
First Unit
Cable
± 12V DC
Comparing Region of Value
Sampler
Second Unit
110V/220V AC
A/D
Micro-processing Unit
Pattern Discrimination
Cable
No.3
No.1
No.2
No.n
Command
Alarm
Feedback
Recorder
Third Unit
Working Site

Figure 1

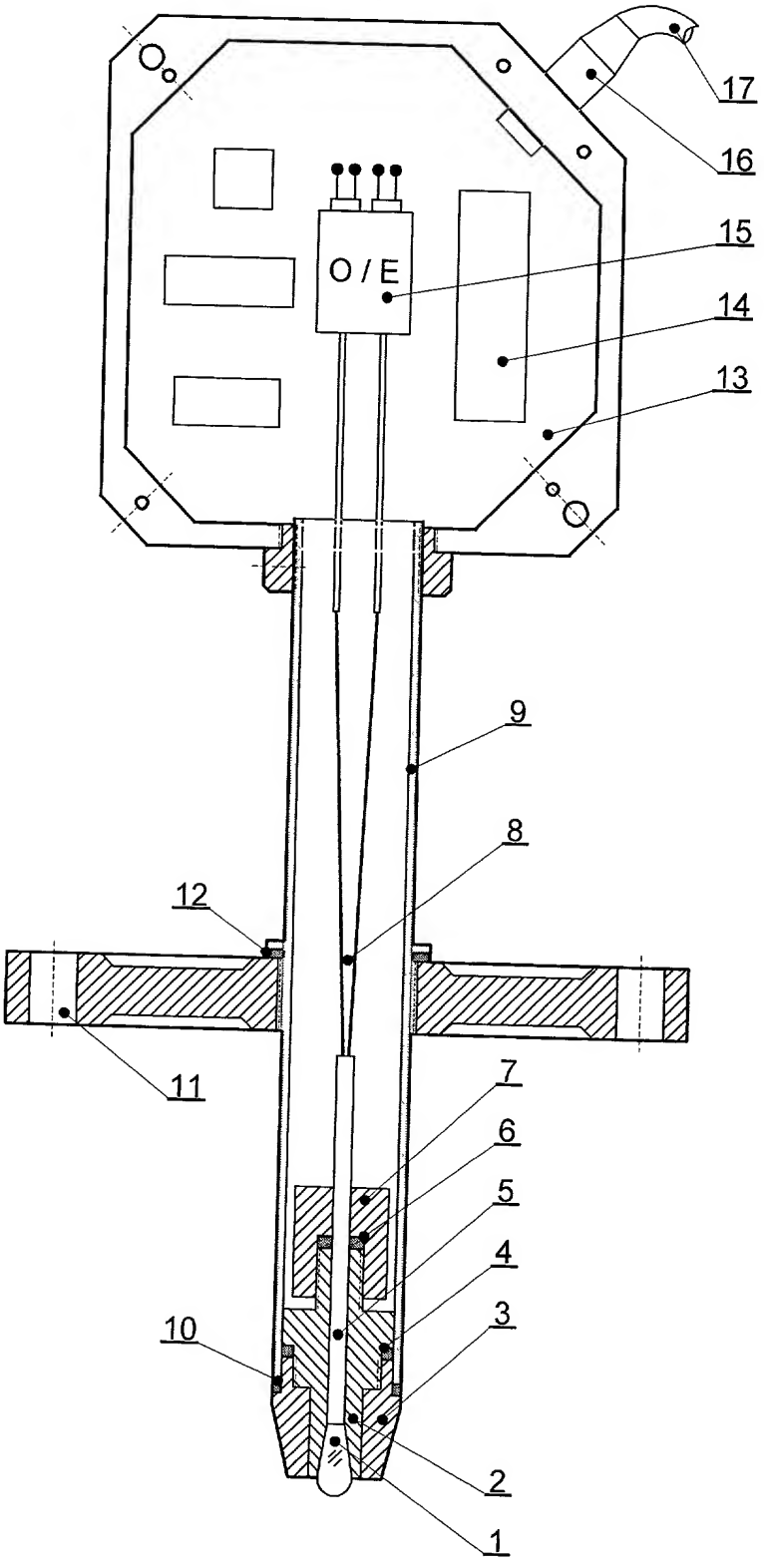
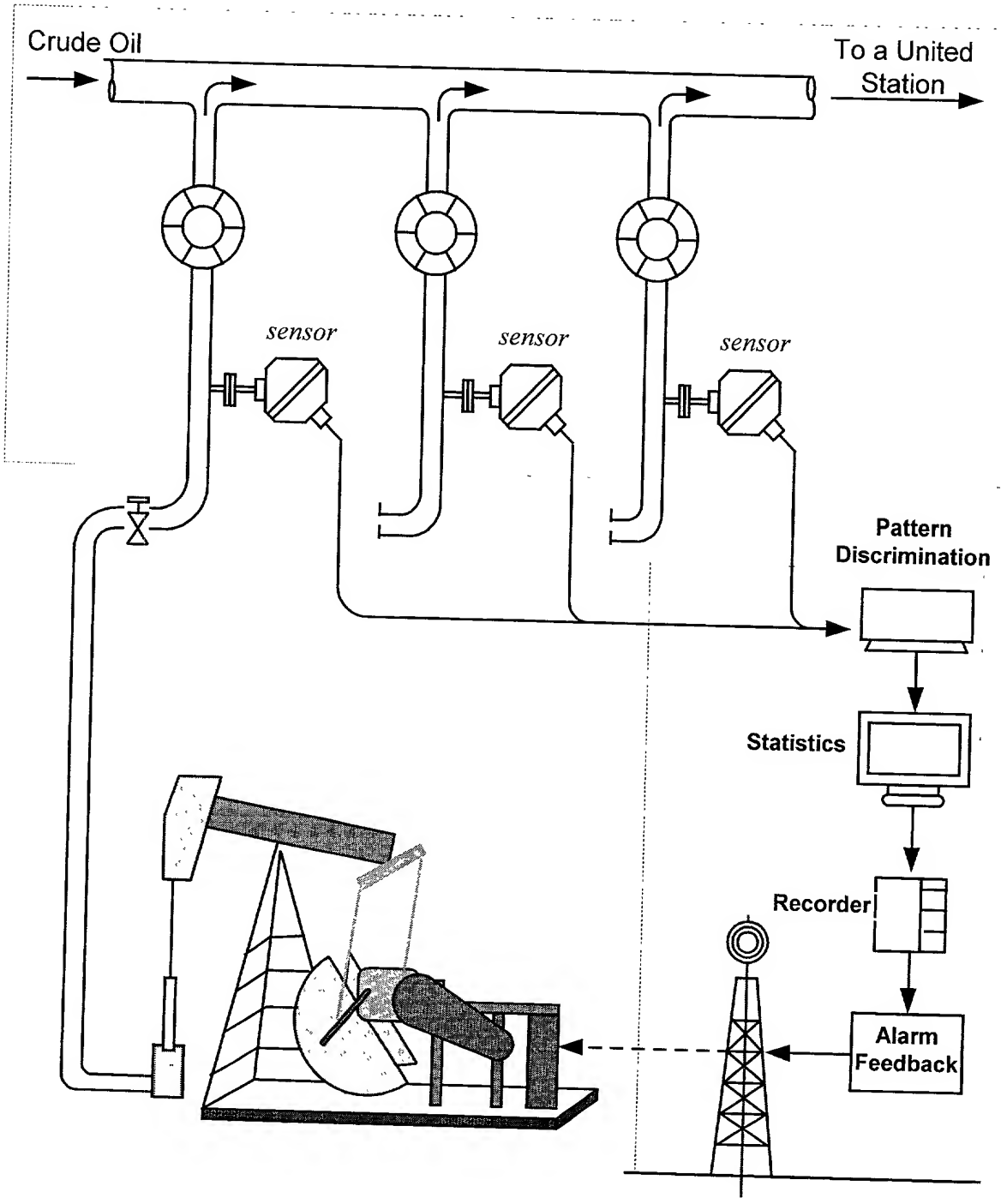


Figure 2


Crude Oil
To a United Station
sensor
sensor
sensor
Pattern Discrimination
Statistics
Recorder
Alarm Feedback

Figture 3